

19981128.qrp v01_n290.qrs.981128

Date: Sat, 28 Nov 1998 19:03:12 EST

From: qrp-1@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: QRP-L digest 1290

QRP-L Digest 1290

Topics covered in this issue include:

- 1) [26041] Re: 11 to 10
by af852@rgfn.epcc.edu
- 2) [26042] 10 fm, odd noise?
by bob evinger <revinger@marshallonline.com>
- 3) [26043] Re: AR QRP 40m net results
by "Stewart Whitehouse" <ke4yh@email.msn.com>
- 4) [26044] RE: [CW] New Call
by Brad Mugleston <bmug@gwl.com>
- 5) [26045] RE: [CW] New Call
by Brad Mugleston <bmug@gwl.com>
- 6) [26046] More Audio for 9020
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 7) [26047] Re: Anyone use chicken wire as a ground screen for vertical ants?
by "John J. McDonough" <jjmcd@tm.net>
- 8) [26048] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by "John J. McDonough" <jjmcd@tm.net>
- 9) [26049] Ham radio utilities, version 0.1 for the Palm Pilot
by "Dan Romanchik" <danr@izzy.net>
- 10) [26050] ARKANSAS 80 METER QRP NET
by "WILLIAM T. ROSE" <supertec@mail.myriad.net>
- 11) [26051] Re: Stuff FS
by Jack Parker <Pparker@greatbasin.net>
- 12) [26052] Corrected log for FOX on 11/27/98 - KB9BVN
by brian <brian@iquest.net>
- 13) [26053] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by w4bws@juno.com (Donald E Sanders)
- 14) [26054] Re: More Audio for 9020
by w4bws@juno.com (Donald E Sanders)
- 15) [26055] Question
by Richard <kt4or@qsl.net>
- 16) [26056] CQ WW CW Test
by John Foote <w3gx@yahoo.com>
- 17) [26057] Re: Gel Cell Questions
by Luke Stras <stras@ecf.utoronto.ca>
- 18) [26058] Re: LDG TUNER QUESTION
by mahlon.r.haunschild@ac.com
- 19) [26059] Gel Cells

- by Wes Hayward <w7zoi@mail.teleport.com>
- 20) [26060] Fw: Re: AR QRP 40m net results
by w2xn@juno.com (Fred J Kalt)
- 21) [26061] Re: Question
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 22) [26062] Connector Religions
by Ed Manuel <n5em@flash.net>
- 23) [26063] Re: Question
by Peter Larsen <larsenp@cadvision.com>
- 24) [26064] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by Lee Bahr <bahr521@earthlink.net>
- 25) [26065] Re: Question
by Richard Arland <k7sz@epix.net>
- 26) [26066] test
by k5ubs@juno.com (Oscar A Hoyt)
- 27) [26067] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by brian <brian@iquest.net>
- 28) [26068] Re: Question/QRP at end of call
by Baranger1@aol.com
- 29) [26069] C Connectors
by "Floyd Soo, W8R0" <hires@rust.net>
- 30) [26070] NE602 vs. SA602
by William-McShan@ouhsc.edu (Mike McShan)
- 31) [26071] Data loss at KD1JV
by Steven Weber <kd1jv@moose.ncia.net>
- 32) [26072] BNC's and Phonos!
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
- 33) [26073] Extra RS 2 meter amp
by mikemo@ibm.net
- 34) [26074] Re: QRP, signing in contests
by Tom Palmer <n1tp@worldnet.att.net>
- 35) [26075] Re: Question
by Tom Palmer <n1tp@worldnet.att.net>
- 36) [26076] Fox: corrected N/T+ log for Tues. 11/24
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 37) [26077] FISTS Web Page
by KF4EIB@aol.com
- 38) [26078] Re: FISTS Web Page
by Tom Palmer <n1tp@worldnet.att.net>
- 39) [26079] Re: FISTS Web Page
by Bill Myers <bjmyers@arc.net>
- 40) [26080] Fw: Re: FISTS Web Page
by w2xn@juno.com (Fred J Kalt)
- 41) [26081] fists
by w2xn@juno.com (Fred J Kalt)
- 42) [26082] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
by John Levreault <jlevro@mediaone.net>
- 43) [26083] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pa

by Michael Neverdosky <MichaelN@cycat.com>
44) [26084] fists address
by "Jerry W. O'Dell" <jwodel@ameritech.net>
45) [26085] Re: FISTS Web Page
by Shepherd@aol.com
46) [26086] FISTS Page...another question.
by KF4EIB@aol.com
47) [26087] Two Questions.
by "Dan Trigilio" <danjt@cruzio.com>
48) [26088] RE: Anyone use chicken wire as a ground screen for vertical ants?
by Denton Bramwell W7DB <Denton@Bramwell.Org>
49) [26089] AUTHORS -PRAISE THEM
by S LYON <sslyon@worldnet.att.net>
50) [26090] Crystal Tester
by Bob Hightower <ki7mn@extremezone.com>
51) [26091] Sierra is QRO
by "nicolas drin" <drin@interlog.fr>
52) [26092] my beacon
by K0RWC <rcw@frii.com>
53) [26093] Re: Crystal Tester
by we6w@juno.com (Ed Loranger)
54) [26094] 11-2-10 First QSO
by "Terry Bassett" <mutabut@net66.com>
55) [26095] The right end of the slobberin' iron & other fancies
by nilsbull@juno.com (Nils R Young)
56) [26096] 11 to 10 First Blood
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
57) [26097] communications quarterly mag.
by "CHARLES D. FEIGLEY SR." <feigleyc@gte.net>
58) [26098] RE: Very low power beacons !!!
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
59) [26099] Re: Crystal Tester
by William-McShan@ouhsc.edu (Mike McShan)
60) [26100] Re: The right end of the slobberin' iron & other fancies
by Ken Freedman <n1qqv@cshore.com>
61) [26101] Re: my beacon
by K0RWC <rcw@frii.com>
62) [26102] Balloon antenna (info request)
by frasche@torino.ALPcom.it (franco schellenbaum)

Date: Fri, 27 Nov 1998 19:08:48 -0800
From: af852@rgfn.epcc.edu
To: qrp-l@lehigh.edu
Subject: [26041] Re: 11 to 10
Message-ID: <365F6940.4CB1@rgfn.epcc.edu>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The normal 10 meter AM range in recent years is 29.0-29.2 with most activity in the 29.0-29.1 area. Calling freq is 29.0. There has also been a lot of unidentified stations operating in that range as well as an AM repeater output in the 29.080 area from Central America area.

--

Ray Colbert,
(also w5xe@juno.com)
El Paso, Texas (Far West Texas)

Date: Fri, 27 Nov 1998 23:44:45 +0000
From: bob evinger <revinger@marshallonline.com>
To: qrp-1 <qrp-1@Lehigh.edu>, wvara <wvara@qrp.com>
Subject: [26042] 10 fm, odd noise?
Message-ID: <365F396D.C861425F@marshallonline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Worked F6kkm this morning on 10 meter fm. listened to him call cq for about 5 minutes with no answers he was literally full scale. Expected him to be running a kw. Gave him a call with the 690 cranked up to 100 watts even though my heart said to set the power to 5, never had tried 10 fm qrp before, wasn't sure how fm behaved relative to ssb and cw. He then told me he was only running 10 watts into a 3 el yagi, so I cranked back to 10 myself and I still had a good signal of course. I just was worried the antenna that I was loading favors north south on the frequency it is designed for so wasn't sure the pattern would favor france. After we cleared he had lots of takers none of which I could hear but he was working stations all over the US. Had some really weird noise that must have been phase or polarity distortion. He was solid signal the whole time but he would get this weird hash noise on his signal at a semi regular

interval that would make his audio hard to copy.

Anybody ever experienced anything like that. Seems like I have read about something like it but was quite a while ago????

His QTH was Brest, France looked him up on the map and it is about as far west in France that you can go without getting wet.

Hope he qsl's.

bob

--

Bob Evinger | 19250 N. Livingston Road | revinger@marshallonline.com
WD9EKA | Marshall, IL 62441 |

Date: Fri, 27 Nov 1998 19:14:22 -0500
From: "Stewart Whitehouse" <ke4yh@email.msn.com>
To: <Robsparks@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26043] Re: AR QRP 40m net results
Message-ID: <002001be1a65\$37ac2440\$5fbc2599@default>

>WD4DSX? sri I missed you ! Please try again. Nothing came in from the
>southeast

Funny he should say that. Bob's signal was running 20 to 30 db over S9 here in Florida. Only check-in I could copy was VE2KN; all others were too weak. Didn't have time to check-in because I was baking some goodies for Thanksgiving but, had the OMNI VI turned on and connected to the R7 vertical.

72
Stew KE4YH
Dunedin, Florida

Date: Fri, 27 Nov 1998 17:21:49 -0700
From: Brad Mugleston <bmug@gwl.com>

To: "'xxx@nb.net'" <xxx@nb.net>, "brad.mugleston@gwl.com" <brad.mugleston@gwl.com>
Cc: "'qrp-1'" <qrp-1@lehigh.edu>, "'cw'" <cw@qth.net>
Subject: [26044] RE: [CW] New Call
Message-ID: <01BE1A2A.6B9AAC80.bmug@gwl.com>

KI0II is a good friend of mine - we've both worked field day together - in fact our station took first place the year we ran together (KB0ROL, Novice, QRP, Battery).

de KI00T, Brad

-----Original Message-----

From: xxx@nb.net [SMTP:xxx@nb.net]
Sent: Wednesday, November 25, 1998 12:12 AM
To: brad.mugleston@gwl.com
Cc: 'qrp-1'; 'cw'
Subject: Re: [CW] New Call

Brad Mugleston wrote:

> Well, its official. My new call is KI00T (that's a LOT of Dahs). What shall
> it be Old Timer or Old C00T.

If you are a CB'er, either one is fine but not for Amateur Radio.

> I went for a new call to shorten KB0ROL but I'm
> not sure this is better. I need to play with it for awhile. There's always
> the EXTRA call available (AB0??).

Of course, instead of dah's you could have got dit's - KI0II !

Walt.

Date: Fri, 27 Nov 1998 17:22:18 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'K10J'" <k10j@swbell.net>, "brad.mugleston@gwl.com" <brad.mugleston@gwl.com>,
"'qrp-1'" <qrp-1@lehigh.edu>, "'cw'" <cw@qth.net>
Subject: [26045] RE: [CW] New Call
Message-ID: <01BE1A2A.7C5D7200.bmug@gwl.com>

Ouch!!

-----Original Message-----

From: K10J [SMTP:k10j@swbell.net]
Sent: Tuesday, November 24, 1998 5:43 PM
To: brad.mugleston@gwl.com; 'qrp-1'; 'cw'
Subject: Re: [CW] New Call

Howdy Brad....

Well congrats on the new call....I don't think that's too many dahs.....as long as your dah thing doesn't break...

OJ---K10J

..

Date: Fri, 27 Nov 1998 20:52:52 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [26046] More Audio for 9020
Message-ID: <365F5773.81E18504@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was sitting around shooting the breeze with some of the OT's at lunch last week. Began to lament the lack of spkr audio on the 9020. Someone (I think that it was John Reynolds AD4D0 who lurks this list but I am not sure) suggested that I use a cheap amplified spkr designed for a PC. I was about to send off to Tech America for one of their audio amp kits so the suggestion was agreeable.

CompUSA has a pair of low end spkrs on sale for \$10 this week. I spent my money. Opened up the spkr with the pwr connector to see what I could find. Put the passive spkr in the junk box for future use. The active spkr was designed for 9v. Saw 4 diodes (obviously a full wave rectifier) and a bunch of discrete components. Only noticed 1 IC and the markings on it were illegible. Borrowed KF4UPR's walkman CD player (I keep telling her that she needs to spend less time listening to her walkman and more time on 15cw but that is a topic for another post). Took everything out to the shop and hooked the spkr up to a 9V supply. Everything worked fine. Since I did not know of any IC family designed for a 9v B+, I figured that there must be a voltage regulator somewhere in the box. Knowing that, I upped the supply voltage to 12v. Still worked fine. I guess whatever regulator the circuit is using will get a little warmer dropping 12v but the spkr itself worked fb. At any rate, I now have an amplified spkr for use with my 9020. It will run on 12v just like the rig. The spker box even has room for a K1EL keyer
...hmmmmmm.

Stay tuned for further adventures.

Oh yeah...I am still trying to figure out my daughters taste in CD's.

Henry

Date: Fri, 27 Nov 1998 19:55:53 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <kfglynn@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26047] Re: Anyone use chicken wire as a ground screen for vertical ants?
Message-ID: <199811280101.3369700@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Back on 'Indoor Antenna Night' (many moons ago) I tried a Hamstick indoors with chicken wire as a ground plane. I used a relatively small piece of chicken wire, and it worked very poorly (although I did manage a contact or two with it). I still think the idea should work reasonably well, given a large enough piece of chicken wire. I just hope that 'large enough' doesn't mean 1/4 wave in radius. Shouldn't tho, Hamsticks work reasonably well on cars, and I have yet to see a 66' long car.

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

> From: Kevin F. Glynn <kfglynn@prodigy.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Anyone use chicken wire as a ground screen for vertical ants?
> Date: Friday, November 27, 1998 5:32 PM
>
> Hi gang,
>
> I want to experiment with chicken wire ground screen for a ground mounted
> vertical antenna. Want to use this with a portable antenna.
>
> Knowing that steel is not a good conductor at HF, do you know of any
> other
> types of screening made of copper or better yet aluminum that's not too
> expensive and could be easily wrapped up when done?
>
> The ground in NYC area stinks, and I'll be experimenting with raised

> radials and radials laying on the ground.
>
> Thanks for the help.
>
> 72 Kevin N2T0
> Brooklyn, NYC
> kfglynn@prodigy.net

Date: Fri, 27 Nov 1998 20:01:01 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <lewise@inetport.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [26048] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <199811280101.3369800@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> From: KA5T Larry Wise <lewise@inetport.com>
>
> Seems to me that on some of the connectors I have seen used for RF in the
> 'OLD DAYS', they used ceramic insulation.....The ones I see today use
> that black plastic.....

Hehe - one man's poison...

I *hated* those ceramic things. Ed Loranger had a litany of reasons the new, plastic RCA plugs are bad. The ceramic ones add the dimension of very easily cracking the ceramic. There was really no support for the center jack, and as Ed pointed out, no strength in the outside jacket of the female, either. Net result, even a little stress meant cracked ceramic.

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 27 Nov 1998 20:06:07 -0500
From: "Dan Romanchik" <danr@izzy.net>
To: <qrp-l@lehigh.edu>
Subject: [26049] Ham radio utilities, version 0.1 for the Palm Pilot
Message-ID: <01be1a6b\$476e8200\$acb59ecf@danr.izzy.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've just written a small program for the Palm Pilot and Palm III that pulls together some common information that hams might access regularly and performs a couple of common ham radio calculations. There are four features in this version:

1. Ohm's Law calculations
2. Resistor - capacitor color codes
3. Dipole length calculations
4. QRP calling frequencies

You can find a little more information about the program and a link to download it at:

<http://qtb.com/danr/hru01.html>

73, Dan

Date: Fri, 27 Nov 1998 20:11:11 -0600
From: "WILLIAM T. ROSE" <supertec@mail.myriad.net>
To: qrp-1@Lehigh.EDU
Subject: [26050] ARKANSAS 80 METER QRP NET
Message-ID: <365F5BBF.96B1C4A3@mail.myriad.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can whoever who has the log for the last 80 meter Arkanasa QRP net
Please post the results.

TNX
KC5SCC Bill
"Deep in the Heart of Texas"

Date: Fri, 27 Nov 1998 18:02:36 -0800
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [26051] Re: Stuff FS
Message-ID: <3.0.1.32.19981127180236.006934f4@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The NN1G "72" transceiver is sold...that takes care of all items. Thanks!

73,

Jack, W7PW

Date: Thu, 19 Nov 1998 23:56:59 -0500
From: brian <brian@iquest.net>
To: qrp-l@lehigh.edu
Cc: prvalko@oakland.edu
Subject: [26052] Corrected log for FOX on 11/27/98 - KB9BVN
Message-ID: <3654F69B.1A0B@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is the final corrected log.

11/27/98 02:00 to 04:00 (UTC) starting at 7.047

Call	Name	RST	ST	QRP-L#
N5TW	Tom	599	TX	1474
K1QM	Joel	359	MA	377
WA8GHZ	Jack	559	TX	619
N5JKY	Mike	559	OK	300
K5ZTY	Bill	559	TX	473
KQ5U	Terry	459	TX	1603
KG2LO	Roland	599	NJ	1445
KF2PH	Nick	359	NY	13
NA1XX	Mike	599	MA	1588
N1TP	Tom	259	FL	1317
W2XN	Fred	589	FL	1728
W5SB	Bill	599	TX	1279
VE5RC	Bruce	559	SK	886
VE2KN	Jim	599	QU	103
N1FN	Marshall	459	CO	153
KK5LD	Dan	559	TX	???
K5LN	Bill	559	TX	???
AB5WX	Dave	559	TX	1718
K0EVZ	Doc	239	ND	861

Date: Fri, 27 Nov 1998 21:29:11 -0500
From: w4bws@juno.com (Donald E Sanders)
To: w5yr@swbell.net
Cc: qrp-1@Lehigh.EDU
Subject: [26053] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <19981127.214052.-1003977.5.W4BWS@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Good quality " RCA connectors always do a good job
at less than 100 watts for RF. However the pin sticking
out of the center shorts too easily and thus the connector
is really not the first choice for power connections.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

On Fri, 27 Nov 1998 15:14:14 -0600 "George T. Baker" <w5yr@swbell.net>
writes:

>Mel, before you really make up your mind on this matter, I suggest
>that you check with the engineers at Collins Radio who chose the RCA
>connector for the antenna connector on the S-Line and other Collins
>amateur radios.
>
>Surely there are some redeeming virtues to such an old, cheap
>connector!
>
>72/73, George
>Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
>
>AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
>QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W
>EM13RE
>

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 27 Nov 1998 21:45:11 -0500
From: w4bws@juno.com (Donald E Sanders)
To: henryf@quartz.gly.fsu.edu
Cc: qrp-1@Lehigh.EDU
Subject: [26054] Re: More Audio for 9020
Message-ID: <19981127.214815.-1003977.6.W4BWS@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

GOOD LUCK !!!!

On Fri, 27 Nov 1998 20:52:52 -0500 Henry Freedenberg
<henryf@quartz.gly.fsu.edu> writes:
>Oh yeah...I am still trying to figure out my daughters taste in CD's.
>
>Henry
>
>

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 27 Nov 1998 21:58:57 -0500
From: Richard <kt4or@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26055] Question
Message-ID: <365F66F1.C4C7B0E9@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

When you contesters are trying to break a pileup in a contest like the CQ WW, do you sign /QRP? If so, when do you add the /QRP? I rarely have /QRP acknowledged so I wonder if they even log it.

72 es CUL Richard KT4OR/QRP

QRP ARCI #9827 QRP-L #1750 FISTS # 2691 10-X # 68271
DXCC, WAC, WAS, 1000 Mile Per Watt Club

kt4or@qsl.net <http://www.qsl.net/kt4or/>

DX IS! QRP is T00!!

Date: Fri, 27 Nov 1998 19:05:18 -0800 (PST)
From: John Foote <w3gx@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [26056] CQ WW CW Test
Message-ID: <19981128030518.14623.rocketmail@send101.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Once again the CQ WW CW contest is underway. Time to again listen to machine-generated 45 wpm code being detected by machine code readers (OR CW ops with nothing else to do but send and receive code) and logged by contest software that automatically generates logs, separates dupes, and even prints QSL cards for those "new ones" on the automatically updated "wanted list."

For those of us who have two kids, a soccer player, cub scout, Explorer Scout, band member, a wife in the choir, and teach an occasional Sunday School class -- well, we'll be making QSO's on the Novice band. Certainly not busting pileups.

I like CW better than voice, but I made 40 new DXCC countries during the CQ WW Phone Test last month. Had some fun. But this weekend I don't expect to log any "new ones" until maybe Sunday afternoon when the players are absolutely desperate for anyone to answer their CQ's and are listening closely so they won't miss the obscure, down in the noise (under 20 wpm) op like me.

If we don't come up with something that "draws out the cw ops" in number, and at something like a slow speed, guys like me -- and the new CW enthusiasts coming along -- will never get any faster. And it will take us years to get anything close to the 100 countries mark on

cw to go up on the wall with the DXCC phone plaque, earned long ago.

And, truth be told, Field Day isn't fun either (except on SSB) because as much as it's called an operating event, folks treat it like any other contest, and use the motorized code devices just as fanatically. My suggestion, ban the %@#/* things. Oh, I admit it: I'm such a grumpy old coot, I think we should ban anything more automatic than a bug in any operating event or contest.

There, I feel so much better. I've made my annual contest complaint. Now, if you'll excuse me, I'll go lie down and take another dose of my medication. [If I take enough of these will I be able to see the bunnies again, Mom?]

==

72 es 73 de W3GX

John Foote

Ashburn, Virginia near Wash. Dulles Int'l. Airport

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 27 Nov 1998 22:06:13 -0500

From: Luke Stras <stras@ecf.utoronto.ca>

To: qrp-1@lehigh.edu

Subject: [26057] Re: Gel Cell Questions

Message-ID: <Pine.SGI.3.96.981127220333.8851B-100000@skule.ecf>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Nov 1998, Michael A Penzo wrote:

> How low (voltage) can I drain my 12v gel cells and still maintain long
> lasting, healthy batteries.

I seem to remember 1.9 V/cell minimum -- so 11.4 V for a 12 V gel-cell.

> Also, what is the maximum voltage I should charge them to? Again, my
> goal is to keep them "healthy" for long term use.

The battery should specify a "float" voltage on it -- that's the maximum

voltage you should charge it to. It should also specify a maximum charge current.

Check Art of Electronics for lots and lots on battery info.

--

Luke Stras stras@ecf.toronto.edu
"God, root, what is difference?" -- Pitr

Date: Fri, 27 Nov 1998 21:10:30 -0600
From: mahlon.r.haunschild@ac.com
To: qrp-1@Lehigh.EDU
Subject: [26058] Re: LDG TUNER QUESTION
Message-ID: <862566CA.00115F42.00@amrh1101.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi, Mike.

The AT-11 kit doesn't have sufficient tuning range for random-length wires, in my opinion. Your mileage may vary, of course, but it's not something that I care to try. LDG specs the AT-11 tuning range at 6 to 800 ohms.

The basic tuner kit that you receive from LDG is a board-level kit, which obviously is not suitable for outdoor use. They sell a desktop-style enclosure kit for it as well, but that's indoors-only also. I don't recall how QST managed to mount their test unit outdoors.

I just (today) located a Very Nice 230mm x 200mm x 80mm weatherproof glass-fiber/plastic enclosure (\$19.95!!!), which I will eventually use to remote-mount my AT-11 at the feedpoint of a Butternut HF-6V when I'm through fooling around with it. Heck, there's even enough room inside for a 4:1 balun, so I could add one of these as well and get a pretty decent matching system for a G5RV. If you were using the QRP version of the tuner, you might be able to fit it into a Hammond cast-aluminum box, which with some judicious application of gasket material should serve just as well.

regards,

Mahlon - N4EEE

Date: Thu, 26 Nov 1998 23:33:06 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [25995] LDG TUNER QUESTION
Message-ID: <Pine.SUN.4.01.9811262330550.5867-100000@viking.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Will it handle an end fed random wire, or is it strictly for coax systems?

Also, is it suitable for remote mounting such as was described in October QST?

72,

Mike Duke, K5XU,
President,
Mississippi Council of the Blind
<http://www.prestridge.com/mcb/>

Date: Fri, 27 Nov 1998 19:16:19 -0800
From: Wes Hayward <w7zoi@mail.teleport.com>
To: qrp-1@Lehigh.edu
Cc: penzo@juno.com, lha@sdr.utias.utoronto.ca
Subject: [26059] Gel Cells
Message-ID: <365F6B03.676A@mail.teleport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

KT4FJ recently ask some questions about the best way to treat Gel Cel batteries. I recently ask the same questions and found a wonderfully complete set of answers in the web site from Hawker Energy. Go to www.hepi.com and click on Watts New, and then look at the Cyclon Applications Manual. This is the most complete treatment of the issues that I've seen.

73, Wes, W7ZOI

Date: Fri, 27 Nov 1998 22:43:49 -0500
From: w2xn@juno.com (Fred J Kalt)
To: qrp-1@lehigh.edu
Subject: [26060] Fw: Re: AR QRP 40m net results
Message-ID: <19981127.224855.-856529.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wondering what we call southeast. I am in Florida and made the net.

fred w2xn

----- Forwarded message -----
From: "Stewart Whitehouse" <ke4yh@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Fri, 27 Nov 1998 19:14:22 -0500
Subject: Re: AR QRP 40m net results
Message-ID: <002001be1a65\$37ac2440\$5fbe2599@default>

>WD4DSX? sri I missed you ! Please try again. Nothing came in from
the
>southeast

Funny he should say that. Bob's signal was running 20 to 30 db over S9
here in Florida. Only check-in I could copy was VE2KN; all others were
too weak. Didn't have time to check-in because I was baking some
goodies for Thanksgiving but, had the OMNI VI turned on and connected
to the R7 vertical.

72
Stew KE4YH
Dunedin, Florida

Date: Fri, 27 Nov 1998 22:47:53 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <kt4or@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [26061] Re: Question
Message-ID: <199811280356.WAA27427@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Richard,

I never sign /QRP in contests. The big guns really don't care what your power is, they just want you in the log. So, they will hear you eventually. I find that there are very few that I have to call more than two or three times. (In fact, if they don't hear me after three calls, I make a note of their frequency and move on)

Early in the contest they will hear a lot of powerful stations, and can run them without taking a chance on weak stations which may require repeats, etc. Often they will be easier to work near the end of the contest because they have already worked the powerful stations and are listening for the weaker stations.

Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

> When you contesters are trying to break a pileup in a contest like the
> CQ WW, do you sign /QRP? If so, when do you add the /QRP? I rarely have
> /QRP acknowledged so I wonder if they even log it.

Date: Fri, 27 Nov 1998 22:02:41 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [26062] Connector Religions
Message-ID: <3.0.5.32.19981127220241.008e0590@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Geez, Louise. Such passion for connectors.

I, personally, think that the F connector is underrated.

72

Ed Manuel, N5EM
Houston, Texas

n5em@amsat.org
n5em@flash.net

Date: Sat, 28 Nov 1998 04:09:57 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: ae4ic@nr.infi.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26063] Re: Question
Message-ID: <365F7795.1DEFC759@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob Kellogg wrote:

> (In fact, if they don't hear me after three calls, I
> make a note of their frequency and move on)

I do this even when I run QRO (Greater than 5 watts)

--
73 es have fun
Peter
VE6YC D021wc

Q. What does the agnostic dyslexic insomniac do at night?
A. Lies awake wondering whether there really is a dog.

Date: Fri, 27 Nov 1998 22:19:04 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: Baranger1@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26064] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <365F79B8.FA791F73@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Personally I like Fahnstock spring clips. :-) Lee Bahr w0vt

Baranger1@aol.com wrote:

> Boy, I dont care for RCA,s even in audio gear.
> Bill W9WCRqrp-1@Lehigh.EDU.

Date: Fri, 27 Nov 1998 23:34:12 -0500
From: Richard Arland <k7sz@epix.net>
To: kt4or@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26065] Re: Question
Message-ID: <365F7D44.81B4BCD9@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Richard:

Most of the time it does no good to sign "/QRP". These are extra characters that the BIG GUNS don't really care to copy. They want your call and report, and that is all.

Most of the good CW ops in contests will pick your call out of the melee. Timing is everything. Watch the pileup and wait for the "lull" when everyone stops transmitting for a second or two. Drop your call in at that time. Don't bother with "/QRP", it's meaningless to 99.9% of the testers. Stay away from "kilowatt alley" (the low end of the band) and cruise the high end of the CW portion for contacts. Use search and pounce techniques....you won't be able to hold a freq and call "CQ" because you just don't have the juice. Wait until the 2nd day and cruise "kilowatt alley" when the BIG GUNS have worked the band out and are begging for Qs.

You can play the contest game with QRP, you just have to work smarter and adjust your operating style a bit. Since most of the exchanges are routine, listen to the high speed ops, copy the callsign (this may take a few tries, but work at it) then goose up the speed on your memory keyer to about 45 WPM and make the contact (you ARE using a memory keyer, aren't you?) These big contests are great for getting the DXCC totals up. Have fun!

73 es gl

Rich K7SZ

Richard wrote:

>
> When you contesters are trying to break a pileup in a contest like the
> CQ WW, do you sign /QRP? If so, when do you add the /QRP? I rarely have
> /QRP acknowledged so I wonder if they even log it.
>
> 72 es CUL Richard KT4OR/QRP
>
> QRP ARCI #9827 QRP-L #1750 FISTS # 2691 10-X # 68271
> DXCC, WAC, WAS, 1000 Mile Per Watt Club
>
> kt4or@qsl.net <http://www.qsl.net/kt4or/>
>
> DX IS! QRP is T00!!

Date: Fri, 27 Nov 1998 22:35:23 -0600
From: k5ubs@juno.com (Oscar A Hoyt)
To: qrp-l@Lehigh.EDU
Subject: [26066] test
Message-ID: <19981127.223528.8942.0.k5ubs@juno.com>

test disregard

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 20 Nov 1998 02:19:02 -0500
From: brian <brian@iquest.net>
To: bahr521@earthlink.net
Cc: qrp-l@lehigh.edu
Subject: [26067] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <365517E5.4173@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lee Bahr wrote:

>

> Personally I like Fahnstock spring clips. :-) Lee Bahr w0vt
>
> Baranger1@aol.com wrote:
>
> > Boy, I dont care for RCA,s even in audio gear.
> > Bill W9WCRqp-l@Lehigh.EDU.

Personally, I prefer the good ole bolt and wing nut connector.

Or the patented KB9BVN "Gob-O-Solder" connection. It's waterproof.

Date: Sat, 28 Nov 1998 00:03:50 EST
From: Baranger1@aol.com
To: qrp-l@Lehigh.EDU
Subject: [26068] Re: Question/QRP at end of call
Message-ID: <c4583434.365f8436@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

On SSB I have had a lot of luck with the QRP plead at the end of my call.
Its kind of like a little voice crying out "dont hit me" Hi!
Works more often than not on phone for me.
Most of these guys are running pig power and they get a kick out of hearing
just how low your power is.
Bill W9WCR

Date: Sat, 28 Nov 1998 00:21:21 -0500
From: "Floyd Soo, W8RO" <hires@rust.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [26069] C Connectors
Message-ID: <199811280512.AAA27132@mail.mi.verio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

At one time there were a few unused C Connectors that were being recycled
by a few members of the list. I don't remember who they were, so I am
making a general inquiry. I am looking for those C female panel connectors
that were being taken off of some surplus dummy loads and thrown away.

Please throw them in my direction! I am also looking for in-line C male connectors for RG-213, RG-214 and RG-58.

If anyone has info on where I can find some of these connectors for a reasonable price, please let me know!

Thanks!

73,
Floyd Soo, W8RO
President, HI-RES Communications, Inc.
Board Member, Collins Collectors Association (#002)
QRP-L #392
hires@rust.net
<http://www.rust.net/~hires>

Date: Fri, 27 Nov 1998 23:42:19 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [26070] NE602 vs. SA602
Message-ID: <v01540b01b28535e5b80e@[207.193.34.252]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

As many of us are aware, the NE602 IC, so beloved of QRPers, has been deep sixed by Philips and replaced by the SA602A. I studied the spec sheets today and found that this new IC appears to be very similar to its predecessor in terms of pinout, Vcc, etc.

My question is, to the gurus out there, can the SA602 directly substitute for the NE602 in a circuit (direct drop-in replacement)? What possible changes might be required in the associated discrete components? Inquiring biologists and other lower life forms want to know since this is the chip we will be dealing with now.

72 and thanks,

Mike N5JKY
Edmond, OK

Date: Sat, 28 Nov 1998 01:19:15
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [26071] Data loss at KD1JV
Message-ID: <3.0.3.16.19981128011915.23f743ee@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy!

My flakey copy of Eudora lite eat Windows on me today. Crunched it up so bad, reinstalling windows didn't even work. Couldn't even get windows to start! Had to do a low level formate and start from scratch. Now I can't get my ISP settings correct, been at this all day :-(

Had to reconnect the old hard drive that was going bad to get this message out. Hopefully this drive will work long enough to get the problem solved. I hate when this happens. When am I going to learn and buy a zip drive?

In the mean time, Looks like there are at least a half a dozen Maxon CB's on 10M AM now. Good work guys!

Lets use 29.060 as our calling frequency. See you there :-)

72, Steve

Date: Sat, 28 Nov 1998 11:23:26 -0000
From: "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [26072] BNC's and Phonos!
Message-ID: <000001be1ac1\$abcb72c0\$1f00883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK gang,

The spouse and I travel to Sapin from the UK twp or three times a year. As you know, the UK is an island which means we can take a ferry that lasts 12 hours, or one that lasts about 35 hours direct to Spain. (the 12 hour one still leaves us about a 15 hour drive time from the North of France)

I can get a cabin from \$40 each up to about \$150 each. I always take the

\$150 one. YOU ONLY GET WHAT YOU PAY FOR! The \$40 cabins are adequate, but small, windowless, usually next to the elevator shaft, or worse the engines shaft, and invariably down in the bowels of the ship, and with very small shower and toilet accomodation. By comparison, the \$150 cabins are paradise!

Same with connectors. Pay the extra, a few cents per project, and use a decent connector. Fine on Collins and the S-line etc., etc., but would someone from Collins design department still use phonos today if they were designing from scratch? I think not.

There's an old saying you may or may not have over your side of the water, it goes:-

"Don't spoil the ship for a ha'penny worth of tar"

which you could probably translate as a "half cent worth of tar"

Soapbox mode off.

regards, and no personals intended, or taken I hope?

Mel
GM6JAG

Edinburgh Scotland UK
Home of the last HW9

Date: Sat, 28 Nov 1998 07:09:06 -0500
From: mikemo@ibm.net
To: qrp <qrp-1@Lehigh.EDU>
Subject: [26073] Extra RS 2 meter amp
Message-ID: <365FE7E2.4EE1@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone on the list let us know about Radio Shack closing out their 2 meter HT amplifiers for \$24.97. I picked up the last two in my area and only really need one. Does anyone want it?
72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Sat, 28 Nov 1998 07:46:13 -0500

From: Tom Palmer <n1tp@worldnet.att.net>
To: kt4or@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26074] Re: QRP, signing in contests
Message-ID: <365FF095.40D3B4C5@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have never been serious in any contest, but I often add "QRP" when scanning and cherry picking in a contest. I believe adding "QRP" at the end of the call often results in getting the attention of the other station. Often out of a big pile up, the other station will come back with "QRZ the QRP station." On the negative side, at least early in the contest when things are buzzing, the other station may say "QRP, I can't read you, please try later" meaning "I'm on a roll and just now I don't have time for repeats from stations I can't hear Q5." I am certain there are many QRP friendly contesters out there and they will come back when they hear "QRP" tacked on at the end of a call. Regards to all, Tom, N1TP, Naples, Florida.

Richard wrote:

> When you contesters are trying to break a pileup in a contest like the
> CQ WW, do you sign /QRP? If so, when do you add the /QRP? I rarely have
> /QRP acknowledged so I wonder if they even log it.
>
> 72 es CUL Richard KT4OR/QRP
>
> QRP ARCI #9827 QRP-L #1750 FISTS # 2691 10-X # 68271
> DXCC, WAC, WAS, 1000 Mile Per Watt Club
>
> kt4or@qsl.net <http://www.qsl.net/kt4or/>
>
> DX IS! QRP is T00!!

Date: Sat, 28 Nov 1998 08:01:03 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: k7sz@epix.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26075] Re: Question
Message-ID: <365FF40F.CAA97049@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree with everything Rich (K7SZ) says with two nit pick exceptions:
(1) The percentage of testers who care to hear "QRP" added to your call is much greater than 0.1 percent. I believe its at least 10%.
(2). Follow all of Rich's recommended procedures but add "QRP" at the end if you have made at least 2 calls and had no reply. Adding "QRP" can prompt a reply if the other station is QRP friendly, even if all he/she heard from you was "QRP." Tom, N1TP, Naples, Florida.

Richard Arland wrote:

> Hi Richard:
>
> Most of the time it does no good to sign "/QRP". These are extra
> characters that the BIG GUNS don't really care to copy. They want
> your call and report, and that is all.
>
> Most of the good CW ops in contests will pick your call out of the
> melee. Timing is everything. Watch the pileup and wait for the "lull"
> when everyone stops transmitting for a second or two. Drop your call
> in at that time. Don't bother with "/QRP", it's meaningless to 99.9%
> of the testers. Stay away from "kilowatt alley" (the low end of the
> band) and cruise the high end of the CW portion for contacts. Use
> search and pounce techniques....you won't be able to hold a freq and
> call "CQ" because you just don't have the juice. Wait until the 2nd day
> and cruise "kilowatt alley" when the BIG GUNS have worked the band out
> and are begging for Qs.
>
> You can play the contest game with QRP, you just have to work smarter
> and adjust your operating style a bit. Since most of the exchanges are
> routine, listen to the high speed ops, copy the callsign (this may take
> a few tries, but work at it) then goose up the speed on your memory
> keyer to about 45 WPM and make the contact (you ARE using a memory
> keyer, aren't you?) These big contests are great for getting the DXCC
> totals up. Have fun!
>
> 73 es gl
>
> Rich K7SZ
>
> Richard wrote:
> >
> > When you testers are trying to break a pileup in a contest like the
> > CQ WW, do you sign /QRP? If so, when do you add the /QRP? I rarely have
> > /QRP acknowledged so I wonder if they even log it.

> >
> > 72 es CUL Richard KT4OR/QRP
> >
> > QRP ARCI #9827 QRP-L #1750 FISTS # 2691 10-X # 68271
> > DXCC, WAC, WAS, 1000 Mile Per Watt Club
> >
> > kt4or@qsl.net http://www.qsl.net/kt4or/
> >
> > DX IS! QRP is TOO!!

Date: Sat, 28 Nov 1998 08:18:33 -0500
From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-l@lehigh.edu>
Cc: "Doc Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [26076] Fox: corrected N/T+ log for Tues. 11/24
Message-ID: <199811281317.IAA20236@smtp3.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hound gang: Doc reminded me that the T in RST is for tone and isn't part of overall signal strength and he's right. I simply forgot that bit from my Novice exam. OOPS!

Herewith is the corrected, final log from the N/T+ fox hunt from Tues. 11/24 (Wed. 11/25 UTC). Eleven!! contacts and only two repeats from the first hunt. WOW!!

CALLSIGN	NAME	STATE	QRP #	TO HOUND	TO FOX	POWER
W4VCT	PETER	KY	1721 449		559	5W
N1TP	TOM	FL	1317 449	449	5W	
K1QM	JOEL	MA	337 329	579	4W	
(My first New England station!)						
K0EVZ	DOC	ND	861 229		579	5W
NQ7X	FLOYD	AZ	343 229		559	5W
(Got you this time Floyd.)						
N0TU	STEVE	CO	911 119	449		
K5ZTY	BILL	TX	473 229			5W

AB0GO DAVE CO 785 229 449 5W

AC5II DON OK 264 229 449 5W

KQ0I MARK IA 625 449 549
(Signal died out suddenly before power could be sent.)
K5AAR DON OK 1512 449 559 5W

Thanks to everyone for staying with me, especially Steve. I wouldn't have thought I could even hear that soft a signal (114) let alone pull information from it. Also, judging from the signal reports to and from the hounds, I've got to improve my antenna.

The fox hunt is the most enjoyable and terrifying experience in ham radio. And apparently it shows. When I came out of the radio room, my wife took one look at my face and burst out laughing. Said she had never seen such a wide-eyed/wild-eyed look on my face. I'm looking forward to my next stint as the fox.

The QSL cards from both my hunts are going out this weekend.

72/73 de Jeff KF4JSV QRP-L # 743
Manassas, VA

Date: Sat, 28 Nov 1998 08:41:10 EST
From: KF4EIB@aol.com
To: qrp-l@Lehigh.EDU
Subject: [26077] FISTS Web Page
Message-ID: <ca8cf9d1.365ffd76@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Is there a problem with Fists Web page? Tried to go there... would not load up.

Tried other "pages," problem does not appear to be on my side of the coax.

FISTS Home Page

This is my bookmark for this site, see what you have please.

Thanks,

73, Gordon kf4eib Fists # 4336

Date: Sat, 28 Nov 1998 08:49:29 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: KF4EIB@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26078] Re: FISTS Web Page
Message-ID: <365FFF69.3EB6F504@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The FISTS page has not been responding for several days. Tom, N1TP.

KF4EIB@aol.com wrote:

> Gang,
>
> Is there a problem with Fists Web page? Tried to go there... would not load
> up.
> Tried other "pages," problem does not appear to be on my side of the coax.
> FISTS Home Page
> This is my bookmark for this site, see what you have please.
>
> Thanks,
>
> 73, Gordon kf4eib Fists # 4336

Date: Sat, 28 Nov 1998 07:55:41 -0600
From: Bill Myers <bjmyers@arc.net>
To: KF4EIB@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26079] Re: FISTS Web Page
Message-ID: <199811281348.HAA28278@sparky3.arc.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:41 AM 11/28/98 -0500, KF4EIB@aol.com wrote:

>Gang,
>
>Is there a problem with Fists Web page? Tried to go there... would not load
>up.

>Tried other "pages," problem does not appear to be on my side of the coax.
> FISTS Home Page
>This is my bookmark for this site, see what you have please.

Gordon and everyone else...

Please correct your bookmarks for the FISTS page to;

<http://www.fists.org>

the n9nvv.qrp.com/~fists will no longer work.

Thank You

Bill KK4KF
Webmaster for FISTS Home Page

Date: Sat, 28 Nov 1998 09:07:03 -0500
From: w2xn@juno.com (Fred J Kalt)
To: qrp-1@lehigh.edu
Subject: [26080] Fw: Re: FISTS Web Page
Message-ID: <19981128.090704.-871207.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I typed in www.fists.com and it went right to the page in 2 seconds. It looks like their home page.

Fred W2XN (alias KE6ZX)
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

----- Forwarded message -----
From: Tom Palmer <n1tp@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Sat, 28 Nov 1998 08:49:29 -0500
Subject: Re: FISTS Web Page
Message-ID: <365FFF69.3EB6F504@worldnet.att.net>

References: <ca8cf9d1.365ffd76@aol.com>

The FISTS page has not been responding for several days. Tom, N1TP.

KF4EIB@aol.com wrote:

> Gang,
>
> Is there a problem with Fists Web page? Tried to go there... would not
load
> up.
> Tried other "pages," problem does not appear to be on my side of the
coax.
> FISTS Home Page
> This is my bookmark for this site, see what you have please.
>
> Thanks,
>
> 73, Gordon kf4eib Fists # 4336

Date: Sat, 28 Nov 1998 09:08:01 -0500
From: w2xn@juno.com (Fred J Kalt)
To: qrp-1@lehigh.edu
Subject: [26081] fists
Message-ID: <19981128.090802.-871207.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Make that
 www.fists.org

sorry for the bandwith

w2xn fred

Date: Sat, 28 Nov 1998 09:23:51 -0500
From: John Levreault <jlevro@mediaone.net>
To: n2tpa@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [26082] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pattern here? :)
Message-ID: <36600777.77E0C3D7@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bill d Lazure wrote:

> This debate could easily degrade down to what we've seen other
> recent posts. There is a simple solution. Has anyone on the list done,
> or heard of anyone who has done, a decent comparative analysis between
> the many types of connectors commonly available?

Yes. I've used RCA's, BNC's, and SO-239's on different rigs at various times.
All rigs produced QSO's, independent of the choice of antenna connector.

73 and :-) de nb1i
John

Date: Sat, 28 Nov 1998 09:28:20 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [26083] Re: BNC: NC40, 40A, Sierra, SST... K2... see a pa
Message-ID: <365FC234.5FA5C2EA@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't recall ever seeing RCA connectors used on any equipment
in the U.S. Navy.
Thousands of BNC and N connectors but no RCA.

RCA connectors have failure mode that almost never happen with other
connectors, even in places where they are rarely disconnected.

I once repaired a HW-101 that had poor sensitivity and low power out.
The main problem was a poor connection of the center pin of the RCA
connector to the VFO. This is a failure I have not seen in any BNC or
N connector.

michael N6CHV

lewise@inetport.com wrote:

>

> Well gang, as with most things, there are phono connectors and there
> are phono connectors....

Date: Sat, 28 Nov 1998 10:32:41 -0500
From: "Jerry W. O'Dell" <jwode11@ameritech.net>
To: qrp-1@lehigh.edu
Subject: [26084] fists address
Message-ID: <19981128163059.BIGZ21606@[206.141.209.12]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I, the originator of this brilliant topic, just tried

www.fists.org.

It worked.

Honest, for 3 months before, it didn't.

but www.FISTS.org did.

Someone fixed something.

73 jerry w8gnd

Date: Sat, 28 Nov 1998 10:38:37 EST
From: Shephed@aol.com
To: KF4EIB@aol.com, cw@qth.net, qrp-1@lehigh.edu
Subject: [26085] Re: FISTS Web Page
Message-ID: <b7383703.366018fd@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gordon es all.

The correct url for the FISTS Web Page is:

<http://www.fists.org>

Hope this helps.

72, 73

Dan, N8IE

QRP1 #1404

FISTS #4985

Date: Sat, 28 Nov 1998 10:52:34 EST
From: KF4EIB@aol.com
To: qrp-1@Lehigh.EDU
Subject: [26086] FISTS Page...another question.
Message-ID: <6e4e9564.36601c42@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Thanks to all that responded to my inquiry of the FISTS Web Site.
New site: FISTS CW PAGE (my bookmarking
:-))
Now, next question... site loads up as advertised; BUT... my ol' eyes have a
hard time reading Black type on a Black background, Blue is readable, sort of.
Am I missing something here? How do I change the screen background of this
site so I can read the text?

Thanks,

Gordon kf4eib # 4336

Date: Sat, 28 Nov 1998 08:40:31 -0800
From: "Dan Trigilio" <danjt@cruzio.com>
To: <qrp-1@Lehigh.EDU>
Subject: [26087] Two Questions.
Message-ID: <001101be1aed\$d0fd8700\$e55de2d0@n1dt-s-computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hope everyone had a good Thanksgiving. I have two questions for the gang:

Does anyone in the Southern California area know if the TRW swap will happening on December 26? Also, does anyone have any information on a Nye SKM-1 Keyer, looking for ops manual, schematics, etc. If someone does I'll be happy to pay for a copy. Thanks, 73 es GL, Dan N1DT/6

Date: Sat, 28 Nov 1998 09:40:37 -0700
From: Denton Bramwell W7DB <Denton@Bramwell.Org>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [26088] RE: Anyone use chicken wire as a ground screen for vertical ants?
Message-ID: <5103124387F8D11199DD00A0C925E4B906290D@SQLMAILSERVER>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

>>I want to experiment with chicken wire ground screen for a ground mounted vertical antenna. Want to use this with a portable antenna.<<

Currents in a ground system flow only inward and outward, i.e., radially. Hence radial wires form a ground that is as effective as some kind of mesh, if you have enough of them.

As you point out, getting the base of the antenna up off ground, even a few feet, dramatically drops your ground losses IF your antenna is fed at a low impedance point. So just 4-5 feet make a big difference for a 1/4 wave.

The other answer is to use an antenna longer than 1/4 wave. On 20, I use a vertical slightly longer than 1/2 wave, and feed it against 4 radials. It really cooks.

Date: Sat, 28 Nov 1998 12:05:13 -0500
From: S LYON <sslyon@worldnet.att.net>
To: wa8mcq@erols.com, qrp-1 <qrp-1@Lehigh.EDU>
Subject: [26089] AUTHORS -PRAISE THEM
Message-ID: <36602D49.CC8DADD6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's really hard to believe that authors don't get thanks and acknowledgement for their efforts and a intent to help. It's even more

astounding that there are actually MORE of us on this list who would take the time and effort to author non-constructive, inane and just plain rude comments.

On a list this size it's statistically probable that there are small numbers of small-minded -even pathological characters whom the rest of us must endure in the blessed absence of media police. It's therefore critically important to those of us who do appreciate the true spirit of QRP-L and like-minded groups to provide feedback so vital to their health and well-being.

I'm as guilty as the rest of us who haven't taken that time but I'm for damned sure going to mend my ways because it's important to me to help protect the quality of life that thrives here. It's important to me to nurture the source of knowlege and gained wisdom so abundantly evident as I scan page 3 of the last couple of QRP Quaterly issues.

It is also important to weigh in on the positive side of that scale, which, from Mike's perspective right now is tipped heavily negative by chatacter defects with voice. My dad had a saying: "...if you don't vote, don't waste my time with your complaints." So here's just some of my "vote" with thanks to, among so many deserving others:

L.B. Cebik	For his gems both in print and on his web site
Pete Hoover	Who's ZM-40 got me into the back-pack mode
Joe Everhart	That Rainbow Tuner and now Analyzer... wow!
Chuck Adams	SPICE for the common man... what a concept!
Paul Harden	What an incredible eye-opener into solar science
Wayne Burdick	2222 to the nth! a wonder-full learning tool
Dave Benson	Great performance, accessible learning at last

..... this is an impossible task as I get into it! -not to mention bandwidth... but my sincerest heartfelt thanks to the staff at the QUARTERLY who somehow manage to pull it all together each issue in the face of frustrations most of us can't even begin to comprehend. All this while conducting what is supposed to pass as "normal life". Thank You.
AA1MY

mike czuhajewski wrote:

>

> Here is an excerpt from my President's Notes that I'm writing for the
> January 1999 issue of the QRP Quarterly. (While it concerns the QRP
> Quarterly, the same principles apply to postings on QRP-L.)

> -----

>

> It's not uncommon for QRP Quarterly authors to get no feedback or thanks
> for their work (both articles and columms). Some folks aren't bothered
> by this, while others take the lack of feedback seriously. For

> instance, W7ZOI wrote a short lived but excellent experimenters column
> for the QRP Quarterly circa 1985 but quit after 4 issues. He told me
> that it was because he received no feedback from the readers, so had to
> assume that no one really cared. Feedback from other authors over the
> years expressed concern that they put large amounts of time into
> articles and received not one word of thanks from anyone. It's not
> enough to read and enjoy the articles; if something is really good,
> please take the time to tell the authors about it! They put a lot of
> time into them (and get no pay), and if they don't get warm fuzzies they
> may well stop writing and go somewhere else. (And many have.)

>
> Here's the dark side of writing for the QRP Quarterly--a well known
> person had an excellent, well researched article a while back and he did
> get feedback from several readers but it was extremely negative at every
> level. He said that whenever his material appears in some other QRP
> journal or on QRP-L, he gets lots of e-mail thanking him for it. But
> his article in the QRP Quarterly did not generate a single "thank you";
> instead he got many e-mails pointing out his spelling errors,
> challenging many of his statements, and even going so far as to call him
> an idiot. He even had two people mail him copies of his material with
> red marks all over pointing out the errors in spelling, punctuation,
> etc. (If anything, attack the editors and not the authors!)

>
> He believes this indicates either that our readers are not interested in
> his efforts or that he is persona non grata due to his association with
> other QRP groups. He went so far as to say that he believed the critical
> e-mail was an orchestrated effort, although he would not tell me the
> identity of the people so I couldn't look into that. He did say that he
> saw no point in writing anything further for the QRP Quarterly until he
> could be reasonably assured that it would be appreciated and not
> generate mean-spirited attacks.

>
> What is the moral of these two stories? If you like something in the
> QRP Quarterly, tell the authors about it every now and then, or they may
> stop writing for us and write for someone whose readers DO give them
> warm fuzzies. And if you don't like something in the QRP Quarterly, for
> God's sake, don't attack the authors! We have enough trouble getting
> material as it is. I've mentioned the W6TOY position many times--that
> it's silly to write an article for a non-paying magazine if you can send
> that same article to someone who will give you money for it and
> give a wider audience to boot--and that I agree with that.

>
> Fortunately, a lot of people still send us things that they could have
> sold to a paying magazine, but feedback from former editor Monte Starke
> KU7Y, indicates that this has cost us a number of articles and authors.
> You can look in ham magazines over the last several years and see a
> number of authors who once appeared in the QRP Quarterly or other QRP
> journals but now write for money. Nothing wrong with that, but it

> doesn't help us. And the combination of no pay AND blistering attacks is
> unbeatable.
>
> People, don't dump on the authors. It benefits no one, and does
> considerable harm to the authors, the QRP ARCI, the QRP Quarterly and
> the readers.
>
> --
> 73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com
> President, QRP ARCI

Date: Sat, 28 Nov 1998 10:20:41 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [26090] Crystal Tester
Message-ID: <199811281708.KAA12636@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have built the crystal checker from the G3RJV six-pack, and it works FB.
Now, I would like to build one that measures crystals in the 70 MHz range.
Can this one be modified to do this, or can anyone provide information on
what I need to do it? One suggestion I have gotten is to get a faster
transistor, but I don't have any idea which one to use.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Sat, 28 Nov 1998 18:51:59 +0100
From: "nicolas drin" <drin@interlog.fr>
To: <qrp-l@Lehigh.EDU>
Subject: [26091] Sierra is QRO
Message-ID: <01be1af7\$cc3c49e0\$LocalHost@tlrzjjcy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All

This my first message to this great list.

I have just completed my Sierra from Wilderness Radio with the 7 and 21 Mhz

modules (others are still to assemble).

Alignment with a transceiver, easy.

7 Mhz : 3 Watts @ 13,8 v and almost 4 @ 15,8 v

21 Mhz : 2 Watts @ 13,8 v

>From my qth (Avignon on the south east of France)

First Qso on 40 M : UA9CM (about 6000 Km) with my levy !! :)

First Qso on 15 M : KB6SZZ (Ray in Fremont, CA) with my TH3 !! :))

Happy, Happy, Happy !!

So thank you QRP Bob you are QR0 !!

Nicolas, F5HFZ

QRP-L# 1755

F5HFZ@interlog.fr

Date: Sat, 28 Nov 1998 11:38:38 -0700

From: K0RWC <rwc@frii.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [26092] my beacon

Message-ID: <3.0.5.32.19981128113838.007fc100@mail.frii.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Gang:

Having fun rcving 10M beacons so I thought I would put one on the air for a while. Check out 28270.50, I leave it going until later this evening.

72/3 K0RWC

Rod Cerkoney, QRP-L #1764.

Fort Collins, CO

da di dah

Date: Sat, 28 Nov 1998 13:47:08 EST

From: we6w@juno.com (Ed Loranger)

To: ki7mn@extremezone.com

Cc: qrp-l@Lehigh.EDU

Subject: [26093] Re: Crystal Tester

Message-ID: <19981128.104032.4951.2.we6w@juno.com>

Hey Bob, I haven't built mine yet so I'm unsure of the exact circuit requirements.

Off hand, my favorite transistor up into that 70 MHz range and even up into 300 MHz is the 2N5179. And it's brother the 2N5109. With an Ft of 900+ Mhz they give you gain into parts of the UHF spectrum.

And low noise. The 2n5179 is very low noise with a source impedance of around 200 to 300 Ohms if I remember the graphs and S-parameter plots I used when designing a low noise UHF amp in the 1980's...

Hope this helps.

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 28 Nov 1998 12:52:34 -0600
From: "Terry Bassett" <mutabut@net66.com>
To: <Qrp-1@Lehigh.EDU>
Subject: [26094] 11-2-10 First QSO
Message-ID: <000e01be1b00\$4454a320\$92538bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

I got my Maxon going and called CQ on 29.060. K7BTB, Jim answered first call. He's in Arizona at 7000+ elevation running 30 watts from a Johnson Ranger and National receiver. My sig report was s5 to s9, varied during QSO due to QSB. There is some sort of AM contest going on sponsored by AM International. Lots of activity.

I put up a one wavelength loop this morning even though we don't have proper weather for such activity (it is high 60 sunny and no wind) so, comparing loop to GAP Titan, the Titan is doing better, may need more height for the loop.

I calculated the loop perimeter on 29.060, so look for me around that part of the band, once you get your 11-2-10 conversion going. AM sure is pleasant sounding stuff compared to SSB and the AM'ers seem quite friendly and talkative. I need to work on my rag-chewing skills, could be useful in my regular life, too, I guess.

73

Terry, KA9TXE

Date: Sat, 28 Nov 1998 12:36:03 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [26095] The right end of the slobberin' iron & other fancies
Message-ID: <19981128.123613.4030.1.nilsbull@juno.com>

Gang,

Cindy pointed out an article in the local paper written by technology guy who works for the local Cox newspaper chain. The article bemoaned the fact that today no one -- especially the bright kids -- understands the innards of the toys they play with constantly. And, after reading the article, I sent the author (Bill Husted) the following note. (By the way, he's a ham too.):

Bill,

I'm sitting here with the temptation to order one of those Ten Tec capacitor kits and, having just read your article about the dearth of hands-on building opportunities, thinking about how much easier it would be to just buy the damn thing prebuilt from Tech America.

We don't have any future here, last of the tool users & all. You and I and my grandparents & theirs before them got the old hands-on 'cause it was possible. SMD don't give us much room to fiddle. Which, I guess, is why Eric & Wayne of Elecraft have designed an HF CW/SSB transceiver kit that costs \$700+ with all add ons but which is all non-SMD. Guys like you and me and others in the bifocal brigade luck out; our kids will never understand.

Which reminds me of a story: About 20 years ago an engineering student at the university where I work (see web page below) came into the A/V repair shop (where I worked at that time) and asked me to help him with his senior design project. You'll love this: it was a two transistor, one chip, LM78** regulator for a power supply. He didn't understand why his project wouldn't work & if he didn't get it working, he wouldn't be able to graduate. So I asked him to show me the design. It was an almost verbatim copy of the National Semicon data sheet. I may not be able to find my keys or remember where I put my wallet, but I can remember a circuit that I've built a couple hundred times. Then I asked to see the board. He pulled a piece of perfboard/vero board out of his briefcase and handed it to me.

All the leads on the parts were still sticking out the bottom. As in they were all shoved into the holes on the board & that was that. No slobber, no bent over leads from one part to another. And a couple wires here & there for input/output/ground connections.

Now I don't know about you, but I started out replicating those little space rocket/sputnik crystal radio kits by getting the parts & screwing leads between them on a piece of pine plank, back around 1957. I was 11 then. And here's this senior in electrical engineering trying to get a 15-cent voltage regulator circuit to work for his senior year design project 'cause he doesn't understand the principle of connections between parts.

And for every one of those kinds of gringos I've met at least two who were (a) not native gringos and who were (b) aware enough to know that you have to slobber the parts together to make it work.

We're raising engineers in colleges all over this country who not only don't know which end of the slobberin' iron to pick up, they don't even understand the concept of solder/slobber itself!

So you & I and many of my colleagues of the same approximate actuarial class are the last of the tool users, Bill. We're the dinosaurs of today and all those hot-shot little self-aggrandising, unethical know nothings (see the web page below) are in charge. When we're gone, we can sit in the comfort of our individual idealized hereafters and laugh at the world that we've left behind.

The marching morons are at the gate, dude. But that doesn't mean we shouldn't try, occasionally and under the appropriate circumstances, to make the future of this planet everyone's concern.

Nice article. I wonder how many people besides me & my wife & sons got the point.

73

Nils

So, having said that, did anyone notice that Tech America has the Alinco 6m/HF transceiver on sale for \$750? I did. And I'm still cleaning up the shack for the arrival of the K2, which I will have spent just about that much on & still have to build it. Am I feeling bad about this? Hmmm . . . To build or to buy hmm . . .

73

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei

Nikolaievich McTovarishov

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 28 Nov 1998 15:04:17 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: NJQRP Club <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [26096] 11 to 10 First Blood
Message-ID: <36605741.6024A1CF@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

At 14:27 GMT I got WD5BST in Texas. I currently monitoring KL7CC with hopes of grabbing a qso when he's finished with his current contact. BST said my audio was clipping a bit. Anybody have an idea what I need to tweak to work on this problem???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 28 Nov 1998 15:05:50 -0500
From: "CHARLES D. FEIGLEY SR." <feigleyc@gte.net>
To: qrp-l@lehigh.edu
Subject: [26097] communications quarterly mag.
Message-ID: <36605785.72DE@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello all,
I'm looking for the magazine called communications quartly. I'm looking
for the winter 98 issue. If anyone has one they could sell or copy I
would gladly pay any and all cost

Thanks in advance,

Charlie

--
CHARLES D. FEIGLEY SR. feigleyc@gte.net KE4UON
LATITUDE 27.93 EL87PW
LONGITUDE -82.73 GMT-5.0

~ AMATEUR RADIO TELESCOPE UNDER CONSTRUCTION ~

MEMBER: QRP-L #1752
AK/QRP #417

Date: Sat, 28 Nov 1998 15:29:03 -0500
From: "Prof.Arinaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@LeHigh.EDU>
Subject: [26098] RE: Very low power beacons !!!
Message-ID: <006b01be1b0d\$be7647a0\$04000a0a@nwarfiel.usf.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tonite Dxers Unlimited will feature an introduction to very low

power beacons and the results of those interesting experiments.
The show goes on the air to North America at just after
0130 and 0330 UTC Sunday (Saturday evening North America
time) on 6000 kHz (to the East Coast) and 9820 kHz Central
USA and Canada.
at 0530 UTC on 9820 kHz beaming to the Rockies and Pacific
Coast of all North America.
Also may be heard on 9830 kHz SSB
and 9550 kHz beamed to East Coast.
AA4XX's experiment with 5 milliwatt beacon is explained
as an example of how amateur radio can still make important
contributions to better understanding of HF propagation
phenomena
Arnie
C02KK

Date: Sat, 28 Nov 1998 14:49:09 -0600
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [26099] Re: Crystal Tester
Message-ID: <v01540b02b28612202034@[207.193.34.241]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I'm glad that someone raised this question since I was about to ask a similar one. I don't have one of the six-pack boards or kits so I decided that I ought to be able to kludge together a crystal tester with the help of my junk box and the ARRL HB. I'd also seen articles/schematics in the past for making these thingees, so I had an idea where to start. Got one together; amazing, it works. Ugly. Won't tell you some of the intermediate steps to "it works." ;-) Uses two 2n2222: one for the xtal oscillator and the other to turn on the LED when oscillation occurs. Used whatever resistors and capacitors I had on hand that were in the right ballpark for biasing the transistors, etc.

Here are my observations and questions:

I have found that xtals in the 80M - 40M range light the LED but higher frequency ones do not. BUT, the oscillator circuit works up to at least 18 MHz since I can hear the output nicely in my HF radio, even from across the room. What is limiting the 2nd part of the circuit (LED driver) so that only the lower frequencies trigger the LED? Would a choice of different transistors, as Ed suggests

>
>Off hand, my favorite transistor up into that 70
>MHz range and even up into 300 MHz is the 2N5179.
>And it's brother the 2N5109. With an Ft of 900+
>MHz they give you gain into parts of the UHF
>spectrum.
>
be the way to improve frequency range? What other design parameters should
be considered (understand that this is the simplest possible Colpitts
circuit)? Would a metered indicator have more sensitivity?

Anywho, building and debugging this little tester was a good exercise for
starting the Elmer200 course.

72,
Mike N5JKY
Edmond, OK

Date: Sat, 28 Nov 1998 15:54:08 -0500
From: Ken Freedman <n1qqv@cshore.com>
To: nilsbull@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26100] Re: The right end of the slobberin' iron & other fancies
Message-ID: <3.0.32.19981128155304.006b4d78@cshore.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:36 PM 11/28/98 -0500, Nils R Young wrote:
>So, having said that, did anyone notice that Tech America has the Alinco
>6m/HF transceiver on sale for \$750? I did. And I'm still cleaning up the
>shack for the arrival of the K2, which I will have spent just about that
>much on & still have to build it. Am I feeling bad about this? Hmmm . . .
>To build or to buy hmm . . .
>
>73
>Nils

Yes Nils, I did notice. Horrible example department: I bought one, and
found that you need to open the case to move a jumper if you want to
control a linear with it. In the attempt, I broke one of those itty-bitty
boards (It looks like an after thought, and may in fact be re-work.) My
best magnifier (a necessity for the over 50 crowd) and smallest tip
soldering iron wern't up to the job of making that repair. That's when I
found out that Alinco gets \$120/hr to work on those rigs... When it came
back, I sold it. Still undecided??

73, Ken

Ken Freedman
AKA N1QQV/QRP ARRL VE, QRP-L, AMSAT

Date: Sat, 28 Nov 1998 14:08:18 -0700
From: K0RWC <rwc@frii.com>
To: wj5o@juno.com (William H. Hays), "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [26101] Re: my beacon
Message-ID: <3.0.5.32.19981128140818.007b5a30@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:37 PM 11/28/98 cst, you wrote:

>Hi Rod,
>Well, I listened. Couldn't hear it. I think that's great---a ten meter
>beacon from Co.

Thanks for trying.

>That leaves your's as the only one operating in Colorado that I have
>listed.

Mine is only temporary for a few hours, today 28-NOV-98. I'll take it off
the air after sundown. BUT--it is kinda fun! So I going to build a beacon
xmtr latter this winter and run it for longer periods of time. I keep you
updated.

>For the current listing of worldwide ten meter beacons:
><http://listserv.lehigh.edu/lists/tenten-1/>
>The web site is "down" this weekend but will be back Monday. Please
>scroll down to "Operating aids" to ten meter beacons.

I'll check it out next week, TNX

72/3 K0RWC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Sat, 28 Nov 1998 22:29:16 +0100
From: frasche@torino.ALPcom.it (franco schellenbaum)
To: qrp-l@Lehigh.EDU
Subject: [26102] Balloon antenna (info request)
Message-ID: <v01510101b28614305612@[194.116.16.93]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

My friend Angelo I1QLD and me are going to have access to an inflatable
ballon (6' = 2m diam).
Jim, W7LS already posted his experience on 160 meter band
We would be grateful to those of you who already had similar experience, if
you could tell us

height of balloon, gas used, duration of activity
band used, radiator lenght, number of radials if any, and at which angle
need for extra ropes for mechanical stability, statics/lightning protection
preference for reception/transmission

In order to keep at a minimum the bandwidth, please respond directly to me
and I will resume the results to the group
Thanks and 73's
franco IZ1BDL and Angelo I1QLD

End of QRP-L Digest 1290

